

LL	IIIIII	BBBBBBBB	AAAAAA	BBBBBBBB	UU	UU	PPPPPPPP	CCCCCCCC	AAAAAA
LL	IIIIII	BBBBBBBB	AAAAAA	BBBBBBBB	UU	UU	PPPPPPPP	CCCCCCCC	AAAAAA
LL	II	BB	AA	BB	UU	UU	PP	CC	AA
LL	II	BB	AA	BB	UU	UU	PP	CC	AA
LL	II	BB	AA	BB	UU	UU	PP	CC	AA
LL	II	BB	AA	BB	UU	UU	PP	CC	AA
LL	II	BBBBBBBB	AA	BBBBBBBB	UU	UU	PPPPPPPP	CC	AA
LL	II	BBBBBBBB	AA	BBBBBBBB	UU	UU	PPPPPPPP	CC	AA
LL	II	BB	AAAAAAAAAA	BB	UU	UU	PP	CC	AAAAAAAAAA
LL	II	BB	AAAAAAAAAA	BB	UU	UU	PP	CC	AAAAAAAAAA
LL	II	BB	AA	BB	UU	UU	PP	CC	AA
LL	II	BB	AA	BB	UU	UU	PP	CC	AA
LL	II	BB	AA	BB	UU	UU	PP	CC	AA
LLLLLLLLLL	IIIIII	BBBBBBBB	AA	BBBBBBBB	UUUUUUUUUU	UUUUUUUUUU	PP	CCCCCCCC	AA
LLLLLLLLLL	IIIIII	BBBBBBBB	AA	BBBBBBBB	UUUUUUUUUU	UUUUUUUUUU	PP	CCCCCCCC	AA

LL	IIIIII	SSSSSSSS
LL	IIIIII	SSSSSSSS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SSSSSS
LL	II	SSSSSS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SS
LLLLLLLLLL	IIIIII	SSSSSSSS
LLLLLLLLLL	IIIIII	SSSSSSSS

(2) 48
(3) 77

DECLARATIONS
LIB\$AB_UPCASE - String Upcase Translate Table


```
0000 1 .TITLE LIB$AB_UPCASE - String Upcase Translate Table
0000 2 .IDENT /1-0017 ; File: LIBABUPCA.MAR Edit: SBL1001
0000 3
0000 4
0000 5 *****
0000 6
0000 7 *
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0000 25 *
0000 26 *****
0000 27
0000 28
0000 29 ++
0000 30 FACILITY: General Utility Library
0000 31
0000 32 ABSTRACT:
0000 33
0000 34 This module contains LIB$AB_UPCASE, a translate table which can
0000 35 be used as the argument of [IB$MOVTC (or a MOVTC instruction) to
0000 36 translate ASCII lower case letters ('a' through 'z') to their
0000 37 upper case equivalents.
0000 38
0000 39 ENVIRONMENT: No executable code.
0000 40
0000 41 AUTHOR: Steven B. Lionel, CREATION DATE: 25-September-1981
0000 42
0000 43 MODIFIED BY:
0000 44
0000 45 1-001 - Original. SBL 25-Sep-1981
0000 46 --
```

```
0000 48 .SBTTL DECLARATIONS
0000 49 :
0000 50 : LIBRARY MACRO CALLS:
0000 51 :
0000 52 : NONE
0000 53 :
0000 54 : EXTERNAL DECLARATIONS:
0000 55 :
0000 56 : .DSABL GBL ; Force all external symbols to be declared
0000 57 : NONE
0000 58 :
0000 59 : MACROS:
0000 60 :
0000 61 : NONE
0000 62 :
0000 63 : EQUATED SYMBOLS:
0000 64 :
0000 65 : NONE
0000 66 :
0000 67 : OWN STORAGE:
0000 68 :
0000 69 : NONE
0000 70 :
0000 71 : PSECT DECLARATIONS:
0000 72 :
00000000 73 : .PSECT _LIB$CODE PIC, USR, CON, REL, LCL, SHR, -
0000 74 : EXE, RD, NOWRT, LONG
0000 75 :
```

```
0000 77 .SBTTL LIB$AB_UPCASE - String Upcase Translate Table
0000 78 :++
0000 79 : FUNCTIONAL DESCRIPTION:
0000 80 :
0000 81 : LIB$AB_UPCASE is a translate table, suitable for use with
0000 82 : a MOVTC instruction, which specified translation of
0000 83 : lower case ASCII characters to their upper case equivalent.
0000 84 :
0000 85 : Only the characters 'a' through 'z' are translated, all
0000 86 : other characters translate to themselves.
0000 87 :
0000 88 :--
0000 89 :
0000 90 LIB$AB_UPCASE::
0000 91
00000000 0000 92 I=0
0000 93 .REPEAT <^A/a/-0>
0000 94 .BYTE I
0000 95 I=I+1
00 0000 96 .ENDR
0061 97 .REPEAT 26
0061 98 .BYTE I-<^A/a/-^A/A/>
0061 99 I=I+1
41 0061 100 .ENDR
007B 101 .REPEAT <255-^A/z/>
007B 102 .BYTE I
007B 103 I=I+1
7B 007B 104 .ENDR
0100 105
0100 106
0100 107 .END ; End of module LIB$AB_UPCASE
```


LIB\$AB_UPCASE
Symbol table

- String Upcase Translate Table

K 6

15-SEP-1984 23:46:04
6-SEP-1984 11:03:02

VAX/VMS Macro V04-00
[LIBRTL.SRC]LIBABUPCA.MAR;1

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(3)

LIB\$AB_UPCASE 00000000 RG 01

+-----+
! Psect synopsis !
+-----+

PSECT name	Allocation	PSECT No.	Attributes
ABS	00000000 (0.)	00 (0.)	NOPIC USR
_LIB\$CODE	00000100 (256.)	01 (1.)	PIC USR

CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE
CON	REL	LCL	SHR	EXE	RD	NOWRT	NOVEC	LONG

+-----+
! Performance indicators !
+-----+

Phase	Page faults	CPU Time	Elapsed Time
Initialization	29	00:00:00.04	00:00:01.01
Command processing	132	00:00:00.33	00:00:02.57
Pass 1	98	00:00:01.10	00:00:04.13
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	33	00:00:00.35	00:00:01.51
Symbol table output	1	00:00:00.00	00:00:00.00
Psect synopsis output	3	00:00:00.02	00:00:00.33
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	298	00:00:01.85	00:00:09.57

The working set limit was 900 pages.
15252 bytes (30 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 2 non-local and 0 local symbols.
107 source lines were read in Pass 1, producing 8 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

+-----+
! Macro library statistics !
+-----+

Macro library name	Macros defined
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LIS\$:LIBABUPCA/OBJ=OBJ\$:LIBABUPCA MSRC\$:LIBABUPCA/UPDATE=(ENH\$:LIBABUPCA)

AH-BT13A-SE
 VAX/VMS V4.0

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